

Figure 1

**Major differences: Granular longitudinal oxide media (GLOM)
 and alloy media**

1) Head media separation

improved 4.3 nm due to higher M_s



2) Improved segregation

σ_{HA}/H_A reduced from 0.11 to 0.04

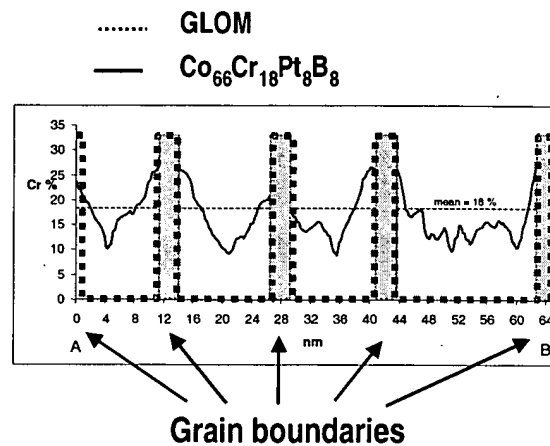
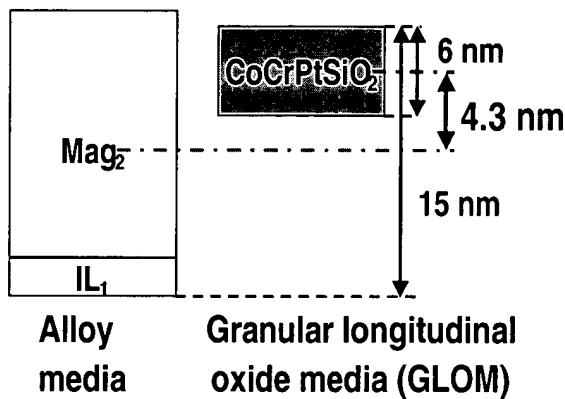


Figure 2

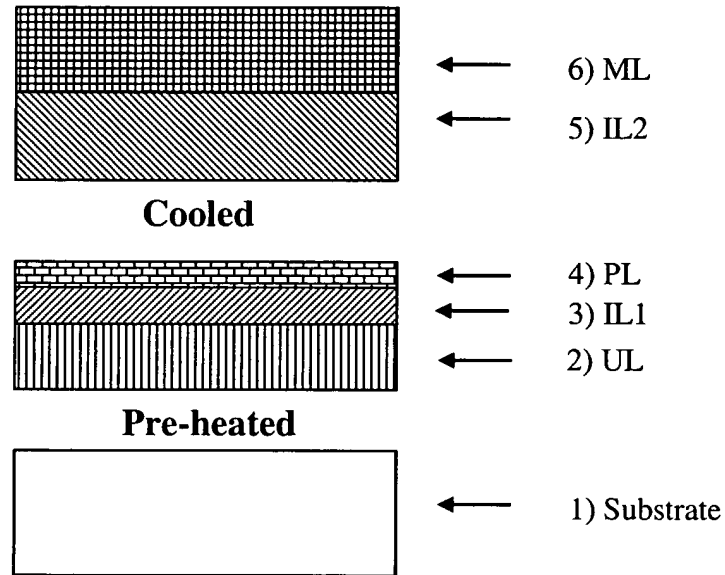


Figure 3

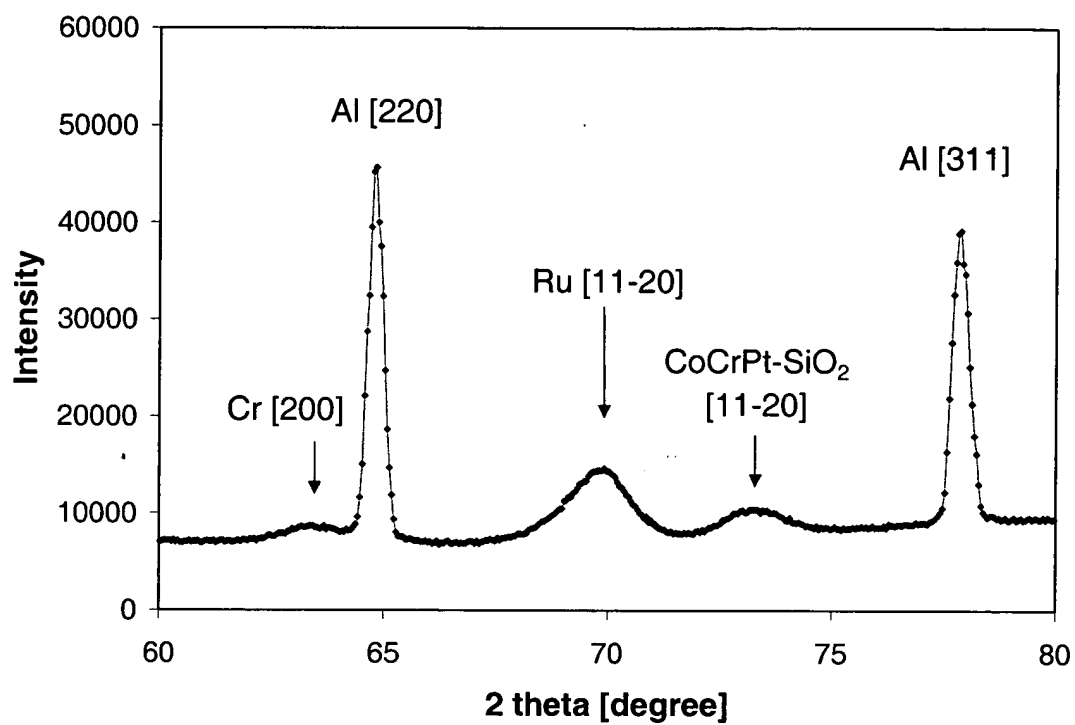


Figure 4

